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[PDF] An interval classifier for database mining applications

R Agrawal, S Ghosh, T Imielinski, B Iyer, A ... - Proceedings of the ..., 1992 - Citeseer

... The winning group of the parent node is made the winner group in this empty **interval**. ... basic idea is that each node inherits from its parent a certain number of **lookahead** credits. ... frequency of the win- ning group, dividing this sum by the total frequency, and **subtracting** this ratio ...

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[PDF] A processor for staggered interval arithmetic

MJ Schulte, EE Swartzlander Jr - Proceedings of the 1995 ..., 1995 - mesa.ece.wisc.edu

... significant to least significant), and the remaining two registers store the standard **interval** endpoints, with ... of a 53-bit by 12~bit rectangular multiplier, a 64 bit carry- **lookahead** adder, an ... They can also multiply two floating point numbers, and add (**subtract**) a floating point number ...

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Hardware design and arithmetic algorithms for a variable-precision, interval arithmetic coprocessor

MJ Schulte, EE Swartzlander Jr - arith, 1995 - computer.org

... Table 1 gives area and delay estimates for the variable-precision, **interval** arithmetic coprocessor (VPIAC ... is 27.8 ns; 14.0 ns for partial product reduction and 13.8 ns for carry-**lookahead** addition. ... file, a 106-bit normalizer, a 106-bit shifter, an 11-bit exponent add/**subtract** unit, and ...

[Cited by 26](#) - [Related articles](#) - [All 8 versions](#)

Lookahead I/O device control subsystem

EJ Pinheiro - US Patent 4,517,641, 1985 - Google Patents

... 2, TIME 3 t, "< * 111 DIVIDE COUNT BY CONSTANT *, 113 ADD TO CURRENT TIME **SUBTRACT** NEW CYLINDER ... 4,517,641 **LOOKAHEAD** I/O DEVICE CONTROL SUBSYSTEM TECHNICAL FIELD This invention relates to an I/O device ... An **interval** of time can be measured ...

[Cited by 13](#) - [Related articles](#) - [All 3 versions](#)

A software interface and hardware design for variable-precision interval arithmetic

MJ Schulte, EE Swartzlander - Reliable Computing, 1995 - Springer

... 325-342 A software interface and hardware design for variable-precision **interval** arithmetic MICHAEL J. SCHULTE and EARL E. SWARTZLANDER t JR. This paper presents a software interface and hardware design for variable-precision, **interval** arithmetic. ...

[Cited by 10](#) - [Related articles](#)

[CITATION] Cascaded Implementation of an Iterative Inverse—Square—Root Algorithm, with Overflow Lookahead

RL Nelson Jr - Proceedings of the 12th Symposium on ..., 1995 - IEEE Computer Society

[Related articles](#)

[PDF] A coprocessor for accurate and reliable numerical computations

MJ Schulte, EE Swartzlander Jr - Proceedings of the 1995 ..., 1995 - mesa.ece.wisc.edu

... of 34.6 ns; 18.0 ns for partial product reduction and 16.6 ns for carry **look-ahead** addition ... for the VPIAC Component Area (mm²) Delay(ns) Multiplier 15.2 27.8 Carry-**lookahead** adder 2.1 ... accumulator 13.0 7.0 Shifter 3.9 8.2 Operand selector 4.1 3.5 Exponent add/**subtract** 0.6 4.4 ...

[Related articles](#) - [All 5 versions](#)

Stable row recurrences for the Pade table and generically superfast **lookahead** solvers for non-Hermitian Toeplitz systems

MH Gutknecht - Linear Algebra and its Applications, 1993 - Elsevier

... roots and divisions, one could instead keep the sum of the squared norms in the **interval** [2, 2 ... most steps have just length 1, so that the necessity for a few longer **lookahead** steps in the ... Multiply both equations in (3.1) by U and **subtract** the corresponding ones with (u, v) and (ii, v ...

Cited by 51 - Related articles - BL Direct - All 4 versions

[CITATION] Improving digital computer performance using residue number theory

RD Merrill - IEEE Transactions on Electronic Computers, 1964

Cited by 9 - Related articles

[CITATION] Efficient processor allocation for 3D tori

W Qiao, LM Ni - Parallel Processing Symposium, 1995. Proceedings., ..., 1995

Cited by 27 - Related articles - All 11 versions

[CITATION] Application-based requirements for data linked winds aloft

GG Nelson - IEEE/AIAA/NASA 9th Digital Avionics Systems ..., 1990

All 2 versions

A versatile stochastic model of a function of unknown and time varying form

HJ Kushner - Journal of Mathematical Analysis and Applications, 1962 - Elsevier

... STOCHASTIC MODEL OF AN UNKNOWN FUNCTION 157 But $loiMoo = tt = (1)fc + ft+i$. smce t linear in (in the **interval** [t, ti ... For ji, **subtract** the (j + l)st from the jth equation ... A natural alternative is to use procedures that **look ahead** only the distance that can be conveniently handled ...

Cited by 27 - Related articles

MULTI-COMPUTER SYSTEM INCLUDING MULTIPLEXED MEMORIES. **LOOKAHEAD**, AND ADDRESS INTERLEAVING FEATURES

CE Stephens - US Patent RE26,087, 1966 - Google Patents

... **LOOKAHEAD**, AND ADDRESS INTERLEAVING FEATURES Original Filed Dec. ... 26,087

MULTI-COMPUTER SYSTEM INCLUDING MULTIPLEXED MEMORIES, **LOOKAHEAD**, AND ADDRESS INTERLEAVING FEATURES Original Filed Dec. 30. ...

The IBM system/360 model 91: Floating-point execution unit

SF Anderson, JG Earle, RE Goldschmidt, ... - IBM Journal of ..., 1967 - portal.acm.org

... RR-RX **Subtract** Normalized (S/L) YES U, E, LS ADD RR-RX **Subtract** Unnormalized (S/L) YES E, LS ADD ... However, delay is never equal; skew is always present and the **interval** between input signals must be greater than the total skew of the logic section. ...

Cited by 168 - Related articles - All 12 versions

[CITATION] A Note on Base-2 Arithmetic Logic

CK Yuen - IEEE Transactions on Computers, 1975

Cited by 15 - Related articles - All 3 versions

Computer diagnosis of electrocardiograms. II. A computer program for EKG measurements

RE Bonner, HD Schwetman - Computers and Biomedical Research, 1968 - Elsevier

... add 0.3 if the first point of the segment is not the last of the QRS, and **subtract** 0.3 if ... all the segments in the **interval** is negative, it is assumed the P or T is unobtainable in this **interval**. ... Test 11 (**look-ahead**) is not used, a new set of constants is required which are different for P and ...

Cited by 53 - Related articles - All 3 versions

[CITATION] Computer Simulation of the Performance of Digital-Displacement Pump-Motors

WHS Rampen, SH Salter - ... power systems and ..., 1996 - Amer Society of Mechanical

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[CITATION] A 20 bit logarithmic number system processor

FJ Taylor, R Gill, J Joseph, J Radke - IEEE Transactions on Computers, 1988

[Cited by 85](#) - [Related articles](#) - [All 7 versions](#)

[PDF] Multiprocessors For Evaluating Compound Arithmetic Functions

K Hwang, Z Xu - *Proc. 7th Symp. Comput. Arithmetic*, 1985 - [acsel-lab.com](#)

... to realize a Complex Divide, we need to coordinate the multiply, add, **subtract**, and divide ... the Baugh-Wooley multiplier [1], the only significant hardware increase is the carry-**lookahead** adder being ... and a logic operation $x \setminus (y/z)$. Complex divide and **interval** multiply operations ...

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Principle of operation and properties of a transversal digital filter

H Koeman - Nuclear Instruments and Methods, 1975 - Elsevier

... 4. The redundant bits are added afterwards in a high speed adder using full carry-**look-ahead**. ... INPUT SIGNAL (DELAYED) A ! " **SUBTRACT** 0 I-Lnn nn nm rJ_n ADD i I RESET ... 5). The samples corresponding to the base line **interval** T are subtracted sequentially from the content ...

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[CITATION] Single-wafer cluster tool performance: An analysis of throughput

TL Perkinson, PK McLarty, RS Gyurcsik, RK Cavin III - IEEE Transactions on ..., 1994

[Cited by 88](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

The use of semi-recursive polynomials in the design of numerical filters

CB Stallings - Proceedings of the November 7-10, 1966, fall joint ..., 1966 - [portal.acm.org](#)

... the value $X(t + M \Delta t)$ represents some type of average of two (or more) points in the unsmoothed "look-ahead" region. ... discussed here is determined by the size of the parameter, M, and the size of the sampling **interval**, Δt ... (1) to obtain the time series e^x . Then we **subtract** e^{\pm} from ...

[CITATION] A new VLSI vector arithmetic coprocessor for the PC

C Baumhof - Computer Arithmetic, 1995., Proceedings of the 12th ..., 1995

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[PDF] The real numbers in \mathbb{Z}

WR Oliveira, RSM Barros - Workshop, Ilkley, 1997 - [bcs.org](#)

... work is not aimed at exact real number computation but to approximate real computation via **interval** computation ... There is no bound in the input **look ahead** and one property of a computable process is that ... $P, 1 \leq n \leq \infty$ Observe that the negative digits **subtract** from the total value ...

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[PDF] Sequence detection on run-length-limited codes

JJ Moon, LR Carley - Proc. 23rd Asilomar Conf. Signals ..., 1989 - [www-cds-lab.ece.umn.edu](#)

... the possible overflow problem is to find the average of the mèmes and **subtract** it from ... Since path histories need not be stored and rearranged in each symbol **interval** as in the VA, no ... It can be shown to be the smallest Euclidean distance between any two **look-ahead** paths that ...

[Cited by 6](#) - [Related articles](#) - [All 4 versions](#)

TCP dynamic acknowledgment delay (extended abstract): theory and practice

DR Dooley, SA Goldman, SD Scott - Proceedings of the thirtieth ..., 1998 - [portal.acm.org](#)

... Thus the difference between this choice of t and the choice of t in greedy1 is that in Equation 1 we **subtract** the average ... Theorem 6 Even with no **look-ahead**, $C_{grfedy2} \leq 2e \cdot C_{ion}$ of t , the first $k - 1$ of these intervals each has total latency cost exactly q and the final **interval** has total ...

[Cited by 32](#) - [Related articles](#) - [All 16 versions](#)

Adaptive enhancement of signal-to-noise ratio in television imagery

CL May - US Patent 4,303,943, 1981 - Google Patents

... register 28 provides a **look ahead** of one sample while analog-to-digital converter 28 provides a **look ahead** of two ... Transfer occurs once each clock **interval**. ... This sample is applied to two **subtract** circuits, 134 and 136, which derive the difference between the sample and the 10 ...

Cited by 7 - Related articles - All 2 versions

Path contriving system for **look-ahead** sensor in a robotic control system

JD Taft - US Patent 4,843,287, 1989 - Google Patents

... 27, 1989 [54] PATH CONTRIVING SYSTEM FOR **LOOK-AHEAD** SENSOR IN A ROBOTIC CONTROL SYSTEM [75] Inventor: Jeffrey D. Taft, Plum Boro, Pa. ... As a result, the **look-ahead** sensor is constantly brought back on track. ...

Cited by 10 - Related articles - All 3 versions

Implementing a finite-domain CLP-language on top of Prolog: a transformational approach

H Vandecasteele, D De Schreye - Logic Programming and Automated ..., 1994 - Springer

... The level of checking ranges from backward checking, forward checking, **look-ahead** to several versions of ... For both constraints in the program we want **lookahead** pruning, but not checking on the ... are going to reason on the bounds of the domains, add and **subtract** domains we ...

Cited by 11 - Related articles - BL Direct - All 4 versions

[CITATION] Design and implementation of a floating-point quasi-systolicgeneral purpose CORDIC rotator for high-rate parallel data and signalprocessing

AAJ de Lange, EF Deprettere - 10th IEEE Symposium on Computer Arithmetic, 1991. ..., 1991

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